

Title (en)

Novel herbicidally-active fatty acid salts

Title (de)

Neue Fettsäuresalze mit herbizider Wirkung

Title (fr)

Nouveaux sels d'acides gras ayant une activité herbicide

Publication

EP 0916261 A1 19990519 (EN)

Application

EP 98121574 A 19921118

Priority

- EP 92925382 A 19921118
- US 79616191 A 19911122

Abstract (en)

The subject invention pertains to novel methods and compositions utilizing novel fatty acid salts which exhibit excellent herbicidal activity in controlling unwanted vegetation. The novel compositions and methods described here facilitate effective weed control using an organic amine salt of a monocarboxylic acid, wherein said monocarboxylic acid has about seven to about twenty carbon atoms, and wherein the cation formed by said salt is an aliphatic ammonium salt.

IPC 1-7

A01N 37/02; **A01N 37/06**

IPC 8 full level

A01N 37/02 (2006.01); **A01N 37/06** (2006.01)

CPC (source: EP US)

A01N 37/02 (2013.01 - EP US); **A01N 37/06** (2013.01 - EP US)

Citation (search report)

- [X] EP 0147976 A1 19850710 - HICKSONS TIMBER PRODUCTS LTD [GB]
- [A] WO 8903178 A1 19890420 - SAFER INC [US]
- [A] WO 9105471 A1 19910502 - SAFER INC [US]
- [A] WO 9105472 A1 19910502 - SAFER INC [US] & US 5035741 A 19910730 - PURITCH GEORGE S [CA], et al
- [X] CHEMICAL ABSTRACTS, vol. 102, no. 15, 15 April 1985, Columbus, Ohio, US; abstract no. 127337v, XP002096354 & JP S59199606 A 19841112 - TEIJIN LTD

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL SE

DOCDB simple family (publication)

WO 9309669 A1 19930527; AT E180941 T1 19990615; AU 3145993 A 19930615; CA 2124090 A1 19930527; CA 2124090 C 19990420; CN 1075395 A 19930825; DE 69229400 D1 19990715; DE 69229400 T2 19990930; EP 0613341 A1 19940907; EP 0613341 B1 19990609; EP 0916261 A1 19990519; ES 2132139 T3 19990816; GR 3030593 T3 19991029; US 5703019 A 19971230; US 5948731 A 19990907

DOCDB simple family (application)

US 9210088 W 19921118; AT 92925382 T 19921118; AU 3145993 A 19921118; CA 2124090 A 19921118; CN 92114399 A 19921121; DE 69229400 T 19921118; EP 92925382 A 19921118; EP 98121574 A 19921118; ES 92925382 T 19921118; GR 990401676 T 19990623; US 45854695 A 19950602; US 96219197 A 19971031